DP Class 2 Diving Support and ROV Vessel

Vessel name:

DSV ALLIED ACHIEVER

SPECIFICATIONS

Classification	:	ABS, Offshore Support Vessel A1, AMS, DPS-2, CRC, Unrestricted Navigation
DP Notation	:	Class DP II
Builder	:	Astilleros Balenciaga S.A Zumaia, Spain
Flag	:	Malaysian
Call Sign	:	9 MLF3
Owners	:	Allied Support Corporation
Built	:	2001

DIMENSIONS

Length B.P	:	60.00 m	Max Draft	:	4.10 m
Breadth	:	13.30 m	Depth	:	5.00 m

PERFORMANCE

Max Transit Speed	:	Approx. 12.0 knots
Economical Speed	:	11 knots
Fuel consumption	:	14.0 MT @ 12 knots; 8.0 MT @ 11 knots
Endurance	:	Approximately 55 days
DP Class II	:	Approximatlely 3.5 MT per day
At Port Consumption	:	0.8 MT per day

TONNAGE

Gross Tonnage	:	1383 tonnes
Net Tonnage	:	414 tonnes

TANK CAPACITY

Diesel Oil (100%)	:	535 m^3
Fresh Water (100%)	:	155 m^3
Water maker	:	2 Nos, - 1 x 8MT / day, 1 x 15MT / day
Note	:	Useable fuel is 90% of capacity

ACCOMMODATION

4 x 1 Berth with facilities	:	4	
20 x 2 Berth with facilities	:	40	
4 x 4 Berth with facilities	:	16	
Hospital	:	1 x 2 Berth	
Total Cabin	:	28	Berth = 60

PROPULSION

Main Propulsion	:	2 x 1200 BHP Caterpillar 3512 Dita Marine Diesel Engine
Tunnel Thrusters	:	2 x Schottel STT 170LK Units, Electrically Driven
Azimuth Unit	:	2 x Schottel 1010 STP units
Generator	:	3 x 425 Kw Caterpillar 3412C
Emergency	:	1 x 65 Kw Caterpillar 3304 NA
ROV Generator	:	1 x Caterpillar 3408B, 350 KVA

DP II SYSTEM

Dynamic Positioning	:	L3 NMS 6000 Dual Redundant DP system
	:	2 x Independent DGPS (1 XP system + 1 LP system)
	:	1 x Sonardyne Rnger 2 Pro Acoustic System with transponder
	:	1 x Taut Wire MK 15B/300
	:	1 x MDL Fan Beam 4.2

DECK MACHINERY

Main Crane	:	1 x Hydralift electro hydraulic offshore deck crane
System 1	:	25 tonnes at 8.5m radius, 300m single wire at 10m/min
System 1	:	5 tonnes at 18m radius, 242m single wire at 35m/min

DECK AREA

Total Deck Area	:	Abt. 350 m^2 at uniform deck loading 5 tonnes/ m^2

ELECTRONICS

Vessel is fully equipped for GMDSS Area A3

	:	2 x Radar - Furuno
	:	1 x Echo Sounder - Furuno
	:	3 x Gyro Compass - Anschutz
	:	1 x Auto Pilot
	:	3 x Wind Speed sensors
	:	Inmarsat B Satcom & Inmarsat C Satcom
	:	1 x Mini M Satcom
	:	1 x Navtex
	:	2 x VHF Radio
	:	1 x SSB Radio with DSC facility
	:	2 x Facsimile machine
	:	2 x SART
	:	1 x EPIRB
	:	3 x Portable VHF Radio
	:	1 Watch Reciever
	:	1 x Sound power telephone system
	:	2 x Public Address System
	:	1 x Automatic Identification System (AIS)
	:	1 x Ship Security Alert System (SSAS)

VESSEL VOLTAGES

System	:	440 VAC @ 60 Hz - 3 phase (Normal)			
	:	110 VAC @ 60 Hz - 1 phase (Normal + Emergency)			
	:	240 VAC @ 60 Hz - 1 phase			
	:	24 VDC - Emergency			
Power Outlets	:	4 x 440V, 63A	:	4 x 220V, 16A	
	:	4 x 440V, 32A	:	2 x 110V, 32A	
	:	2 x 220V, 32A	:	4 x 110V, 16A	

HULL OUTFITTINGS

Anchors and Cables

Anchors	:	2 x Stockless High Holding Power Type, each 1500 Kg
Cables	:	440 m of 34 mm diameter, GR2, Chain Cable
Mooring	:	4 x 160 m of Polypropylene rope, BS - 12.5 Tonnes

Deck Machinery

	:	1 x Hydaulic Windlass with Two Cable Drums and Two Warping Drums
	:	1 x Hydaulic Capstans 5 Tonnes
	:	1 x Hydaulic 20 Tonnes SWL (static)

LIFE SAVING EQUIPMENT

Liferafts	:	200% compliments
Rescue Boat	:	1 x 6 person rigid hull inflatable with davit

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